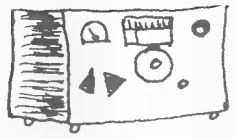
TECHNICAL CORRESPONDENCE



Following our reprint of articles on the G5RV antenna in our December issue (which by the way was done after many requests from newcomers), Jim Davis VK7OW has written to us and has outlined briefly an up-dated version of this popular antenna.

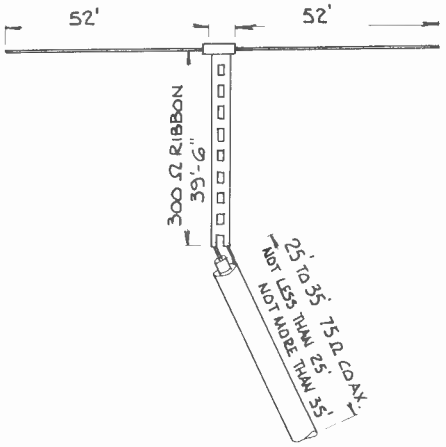
Here are relevant excerts from Jim's letter:

"The popular G5RV antenna, which I understand, originally appeared in "AR" in 1973 is a most informative article, although now outdated. You will agree that a lot has happened in ten years.

In our little town, not only do we now have running water, but Bullock drays now no longer churn up our main street, instead, the occasional horseless carriage is noticed choofing up the street.

So also with the G5RV. There is a Mark II version now — since around 1979. About eighteen months ago, I had a long QSO with a "G" station who was a friend of Lou Varney — G5RV – and he gave the details of the improved Mark II G5RV.

I gave these details to a friend, David VK7MS, and he built the best G5RV I have seen. He has a row of pine trees — about seventy feet high either side of his property, and he slung the G5RV Mk2 between these.



Revised details of the G5RV.

The down-lead drops straight all the way — into his shack. It performs superbly.

I also gave the information to a very good W7 friend, in Arizona. He built a Quarter sized version for portable work, and I have worked him on this antenna. Sure, he was 3-4 S points down on his beam, but he had a most readable signal.

The revised details are as follows."

Editors note:

Many thanks for your letter Jim, and we would be grateful if any reader has any further details of the G5RV Mk2 version, particularly the theory of operation, bands operative and critical lengths of the 300 ohm stub and 75 ohm coax. Please forward comments to me at PO Box 300, Caulfield South, Vic. 3162.

Bruce Bathols VK3UV Editor: